

C 8127 - I-90 - Snowshed to Keechelus Dam Phase 1C - Replace Snowshed and Add Lanes

Q & A # 5, May 12, 2011

Question #	Reference & Page #	Question	Response
24	Special Provisions, Pages 137-139; Special Provision Items 4 thru 6 in Addendum No. 1	Is DBE documentation required with the bid proposal? The revised language in Addendum No. 1 for sections 1-02.6, 1-02.9, and 1-02.13 seems to indicate that the DBE utilization certification and DBE firm confirmation paperwork (or Good Faith Effort) documentation are to be delivered with the bid.	<p>There is no DBE (Disadvantaged Business Enterprise) documentation required for submittal with the proposal. The I-90 Phase 1C project does not have federal dollars in it and therefore does not have any mandatory DBE goal requirements. WSDOT does have M/WBE (Minority and Women's Business Enterprise) Goals for the I-90 Phase 1C project. The goal is 10% and voluntary. The contractor who is awarded the contract will be required to submit a M/WBE plan after the award. You are not required to submit the plan as part of the proposal. The following is a web link to the "Prime Contractor M/WBE Participation Plan Drafting Guidelines" which should help explain what is expected in the plan:</p> <p>http://www.wsdot.wa.gov/NR/rdonlyres/B1508FD9-80E4-46AB-B351-F671F03186F1/0/WSDOTStatePlanDraftingGuidelines.pdf</p> <p>Further information can be obtained through inquiry to the WSDOT Office of Equal Opportunity. Their contact information is available on page 139 of the Special Provisions.</p>
25	Summary of Quantities plan sheets	We are having trouble getting the same values for select Drilled Shaft related quantities as listed on the Summary of Quantities sheets for the following Keechelus Lake Snowshed Repl., Wall 23, and Slide Curve Bridge items. At Keechelus Lake Snowshed Repl.: Soil Excavation for Shaft Including Haul, Furnishing and Placing Temp Casing for 8'-0" dia Shaft, and Casing Shoring. At Wall 23: Rock Excavation for Shaft Including Haul and Conc. Class 4000P for Shaft. At Slide Curve Bridge: Soil Excavation for Shaft Including Haul and Rock Excavation for Shaft Including Haul.	Please bid the project from the latest available plan sheets as written. The three Keechelus Lake Snowshed Repl. quantities listed in this question are currently unchanged, but please note that "Soil Excavation for Shaft Including Haul" includes the Snowshed, Towers, and Generator Room. If there are any changes to these quantities, the changes will be included in an upcoming addendum. The two Wall 23 quantities and the two Slide Curve Bridge quantities which are listed in this question will be updated in an upcoming addendum.

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26	Plan Sheets 696E - 696L; Question 12 in Q&A #3; Special Provision Item 69 in Addendum No. 1	Looking at Addendum No. 1, there are Temporary Bridges listed. Where are they shown in the Plans and what are they for?	The Temporary Bridges are used to span the Alcoves when traffic is detoured over the Alcoves prior to building the final roadway. The Temporary Bridges are shown on the Alcove Plan Sheets AC1 - AC8 (sheets 696E - 696L). The Alcoves are built to contain the final drainage structures within the wall. See Question 12 in Q&A #3 for other details for Alcoves and Temporary Bridges.
27	Plan Sheets 556 and 562	Addendum No. 1 replaced Plan Sheet 556 for Wall 1. The new wall elevation appears to show the estimated bedrock line at or near the level of the deadman anchors for much of the wall. The "Deadman Anchor Connection Detail" on Sheet 562 shows the centerline of the anchor 4'-6" down from the top of wall. Is the intent to follow the 4'-6" dimension even if it puts the anchor rod and/or deadman into bedrock?	Yes.
28	Plan Sheets 1138-1140	We have not found a bid item for the Portal Headwall Roof that is detailed on Sheets 1138 – 1140. Is this work to be included in Bid Item 106 Conc. Class 4000 for Portal Headwall?	No, this work is not included in Conc. Class 4000 for Portal Headwall. Please see Addendum No. 1 for bid item Structural Carbon Steel for Portal Head Wall Roof.
29	Plan Sheet EE11	Plan Sheet EE11, Normal lighting control has 1"GRS w/5#8 home run conduits and per note 7, ¾" w/5#12 from the home run box to the fixtures. Is ¾" RGS acceptable to service the lighting in the Snowshed?	No it is not acceptable. Note 7 on Plan Sheet EE11 will be addressed in an upcoming addendum.
30	Plan Sheet EE11, Note 9	Plan Sheet EE11, Note 9 limits the ECR (Emergency Control Relay) to four level 1 fixtures. Level 1 fixtures per lighting schedule are only 100 watt per each, load less than 2 amps. The EE20-24 plan sheets have up to eight level 1 fixtures per conduit run, can they be installed off the same ECR?	See the addendum dated May 11 (Issue date approx. May 18, 2011).

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31	Plan Sheet EE45, Note 5	Plan Sheet EE45 is for the East Comm room and shows panel K/S, while Plan Sheet EE44 is for the West Comm room and shows panel L/S. In Addendum No. 1, Note 5 on Plan Sheet EE45 calls out a circuit from panel L/S. Can circuits from panel K/S be utilized?	Yes they can. Note 5 should refer to panel K/S and this will be corrected in an upcoming addendum.
32	Plan Sheet EE11	On Plan Sheet EC11 it shows two FACPs installed in Hyak TOC and Yakima TMC. Where are these buildings and what fire alarm systems are currently installed?	These buildings are at the Hyak Maintenance Facility off I-90 Exit 54 and at the WSDOT South Central Region in Union Gap. There are no current fire alarm systems installed pertaining to the roadway.
33	Standard Plans J-90.10-00 and J-90.20-00	Some of the PB and CV vaults are unclear as to what vault types to install on the TS drawings. Please identify the unidentified PB and CV.	See WSDOT Standard Plan J-90.10-00 for Pull Boxes and J-90.20.00 for Cable Vaults.
34	Plan Sheets 696E-696R (Sheets AC1-AC14)	In Addendum No. 1, revised Plan Sheets AC1 through AC14 show 14 CIP utility alcove structures. Please clarify "Alcove Support" structure dimensions, elevations and details called out in drawings noted above. Is this a thickened section of the Concrete Fascia Wall and footing at/under these locations?	See the addendum dated May 11 (Issue date approx. May 18, 2011).
35	Special Provisions, Pages 132-133	Is re-contouring of the lakebed slope adjacent to the structures allowed or would this contradict the requirements of paragraph 5 of Section 1-07.5, page 133, of the Special Provisions?	Re-contouring the lakebed slope adjacent to the structures is not allowed unless the contract plans show grading at that location. Item 5 on Page 133 of the Special Provisions prohibits placing any fill into the water, including into the water of Keechelus Lake, regardless of whether or not the fill work is part of the contract plans.

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36	Special Provisions, Pages 132-133	Is the Owner's intention of Section 1-07.5 WETLANDS AND WATER QUALITY, that Contractors are to include in their bid provisions to contain and dispose offsite of 100% of water (from rain or otherwise) that comes in contact with concrete placed within 7 days, and water that comes in contact with that water? For example, if it rains the day after a bridge deck pour, 100% of such water runoff, and any other water coming in contact with that runoff, must be contained and disposed of offsite?	Yes, if the rain water comes in contact with the concrete on the bridge deck, it needs to be collected. But, if the concrete bridge deck is covered after a deck pour (with plastic or other impervious material) and the rain water does not come in contact with the concrete, it does not need to be collected and disposed of offsite.
37	Plan Sheets 1192-1194 and 1209-1211	Please provide additional details for stairs required at Pier 2 East and West Towers. Are these stairs supposed to be cast in place concrete on metal pans? Reference Drawings: BG349 - BG351 (Sheets 1192 - 1194) – Pier 2 West Portal Tower BG366 - BG368 (Sheets 1209 - 1211) – Pier 2 East Portal Tower	See the addendum dated May 11 (Issue date approx. May 18, 2011).